



C/007/019 Incoming

#4464

OK

794 North "C" Canyon Rd,
P.O. Box 910,
East Carbon, Utah 84520
Telephone (435) 888-4000 Fax (435) 888-4002

Daron Haddock
Permit Supervisor
Utah Division of Oil, Gas and Mining
P.O. Box 145801
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

December 09, 2013

Re: Permit Revision
to Reflect Relinquishments and Add
Kenilworth Lease
007/019

Dear Mr. Haddock:

Attached you will find the revisions to the approved MRP adding the Kenilworth lease and to reflect the changes resulting from BLM lease relinquishments. These changes are as a result of your letter dated September 11, 2013.

Since the Kenilworth lease is under 2,500 feet of cover and has no surface disturbance, no bond change, the changes were exclusively in Chapter 1. With the relinquishments the permitted area was reduced. However, with the addition of Kenilworth the permitted area was still reduced but not quite as much.

As was done in the previous submittals a new Appendix AA was added to the permit to reflect the addition of Kenilworth lease and the Federal coal relinquishments.

With the boundary change resulting from the relinquishments significant map changes were required. Attached is a summary of maps that were revised. This is also reflected in the attached C1 and C2 forms. Since a new Appendix is being added a redline strikeout is not needed.

If you have any questions please give me a call.

Sincerely,

R. Jay Marshall

R. Jay Marshall
Resident Agent

RECEIVED

DEC 12 2013

DIV. OF OIL, GAS & MINING

APPLICATION FOR PERMIT PROCESSING

<input type="checkbox"/> Permit Change	<input type="checkbox"/> New Permit	<input type="checkbox"/> Renewal	<input type="checkbox"/> Transfer	<input type="checkbox"/> Exploration	<input type="checkbox"/> Bond Release	Permit Number: ACT/007/019
Title of Proposal: Reflecting Lease Relinquishments and adding Kenilworth Lease 13-001						Centennial Coal Mine
						Permittee: UtahAmerican Energy, Inc.

Description, include reason for application and timing required to implement:

Instructions: If you answer yes to any of the first 8 questions (gray), submit the application to the Salt Lake Office. Otherwise, you may submit it to your reclamation

<input type="checkbox"/> Yes	<input type="checkbox"/> No	1. Change in the size of the Permit Area? <u>-2,482.14</u> acres Disturbed Area? <u>NA</u> acres decrease.
<input type="checkbox"/> Yes	<input type="checkbox"/> No	2. Is the application submitted as a result of a Division Order? DO #
<input type="checkbox"/> Yes	<input type="checkbox"/> No	3. Does application include operations outside a previously identified Cumulative Hydrologic Impact Area?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	4. Does application include operations in hydrologic basins other than as currently approved?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	5. Does application result from cancellation, reduction or increase of insurance or reclamation bond?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	6. Does the application require or include public notice/publication?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	7. Does the application require or include ownership, control, right-of-entry, or compliance information?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	9. Is the application submitted as a result of a Violation? NOV #
<input type="checkbox"/> Yes	<input type="checkbox"/> No	10. Is the application submitted as a result of other laws or regulations or policies? Explain:
<input type="checkbox"/> Yes	<input type="checkbox"/> No	11. Does the application affect the surface landowner or change the post mining land use?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2?)
<input type="checkbox"/> Yes	<input type="checkbox"/> No	13. Does the application require or include collection and reporting of any baseline information?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	15. Does application require or include soil removal, storage or placement?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	16. Does the application require or include vegetation monitoring, removal or revegetation activities?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	17. Does the application require or include construction, modification, or removal of surface facilities?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	18. Does the application require or include water monitoring, sediment or drainage control measures?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	19. Does the application require or include certified designs, maps, or calculations?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	20. Does the application require or include subsidence control or monitoring?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	21. Have reclamation costs for bonding been provided for?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	22. Does application involve a perennial stream, a stream buffer zone or discharges to a stream?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	23. Does the application affect permits issued by other agencies or permits issued to other entities?

X Attach 3 complete copies of the application.

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

Signed - Name - Position - Date

R. Jay Marshall 12/09/13
 9th day of December, 19 2013

Subscribed and sworn to before me this _____ day of _____, 19____

Linda Kerns
 Notary Public
 My Commission Expires: 03.27.17
 Attest: STATE OF Utah
 COUNTY OF Carbon



Received by Oil, Gas & Mining

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ASSIGNED TRACKING NUMBER

Provide a detailed listing of all changes to the mining and reclamation plan which will be required as a result of this proposed permit application. Individually list all maps and drawings which are to be added, replaced, or removed from the plan. Include changes of the table of contents, section of the plan, pages, or other information as needed to specifically locate, identify and revise the existing mining and reclamation plan. **Include page, section and drawing numbers as part of the description.**

[illegible]

Any other specific or special instructions required for insertion of this proposal into the Mining and Reclamation Plan?

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DIV. OF OIL, GAS & MINING

Centennial Project
List of Plates in Permit
(December 11, 2013)

Plate Number	Plate Name	New or Revised	Electronic Copy	Mylar Only	Notes
1	Centennial Project - General Location Map	X	dwg		
1A	Centennial Project - Coal Leases and Acquisitions	X	dwg		Omitted
2	Centennial Project - Surface Ownership Map	X	dwg		
3	Centennial Project - Mineral Ownership Map	X	dwg		
4	Centennial Project - Leases	X	dwg		
5	Surface Area Boundary - Deadman Canyon			X	No change
6	As-Constructed Surface Facilities - Deadman Canyon	X	dwg		
6A	Left-Fork Fan Area - As Constructed			X	No change
7	As Proposed Surface Facilities - Deadman Canyon			X	No change
8	Support Facilities - Surface Area Drainage	X	PDF		
9	Watershed & Culvert Sizing and Revegetation Reference Areas			X	No change
10	Proposed Sediment Pond 'E-PM' - Post Mining			X	No change
11	Catch Basin 'B' - As Constructed			X	No change
12	Sediment Pond 'C' - As Constructed			X	No change
13	Sediment Pond 'E' - Proposed Aberdeen Surface			X	No change
14	Cut & Fill Cross Section Reference - Deadman Canyon	X	PDF		
15	Cut & Fill Cross Sections; Original Surface, As Constructed, As Reclaimed - Deadman Canyon (18 Sheets)			X	No change
16	Post Mining Hydrology - Final Reclamation Plan - Deadman Canyon - Phase I	X	PDF		
17	Final Mining Hydrology - Final Reclamation - Phase II - Deadman Canyon	X	PDF		
17A	Reclamation Watershed Map			X	No change
18	Soil Survey Map - Deadman Canyon			X	No change
19	Vegetation Survey Map - Deadman Canyon			X	No change
19A	Vegetation Map - Mt. Nebo				No Original
20	Revegetation Map - Deadman Canyon			X	No change
21	Surface Geology of the Andalex Resources' Mine Plan Area	X	dwg		
22	Centennial Project - Geologic Cross Section Reference and Drill Hole Locations	X	dwg		
23	Centennial Project - Cross Section A-A'		PDF		
24	Centennial Project - Cross Section B-B'		PDF		
25	Centennial Project - Subsidence Monitoring Stations	X	dwg		
26	Lower Sunnyside Seam Production Areas	X	dwg		
27	Centennial Seam Production Areas	X	dwg		
28	Gilson Seam Production Areas	X	dwg		
29	Proposed Mine Plan - Aberdeen Seam	X	dwg		
30	Proposed Mine Plan - Gilson Seam	X	dwg		Omitted
31	Proposed Mine Plan - Centennial Seam				No change
32	Pinnacle Mine - Current Mine Plan (Mine is closed and sealed)				Missing (Omitted)
33	Apex Mine - Current Mine Plan (Mine is closed and sealed)				Missing (Omitted)
34	Centennial Project - Wildlife Distribution Map	X	PDF		
35	Typical Road Cross Sections			X	No change
36	Topsoil Storage Pile "G"			X	No change
37	Topsoil Piles - Deadman Canyon			X	No change
38	Previously Omitted				
39	Previously Omitted				
40	Centennial Seam Isopach (Mine is closed and sealed)	X			Omitted
41	Proposed Mine Plan - Centennial Seam (Mine is closed and sealed)	X			Omitted
Figure 4	Water Quality Data	X	PDF		
Figure 5	Surface and Ground Water Rights	X	PDF		
Figure 6	Ground and Surface Water Monitoring	X	PDF		
Figure 1-2	Centennial Leases / Permit Area	X	dwg		
Figure 1-2A	Centennial Disturbed Area	X	dwg		
Figure 7-1	Water Monitoring Locations	X	dwg		
Figure 1	GVH Locations Map	X	dwg		

ANDALEX RESOURCES, INC.

APPENDIX AA

CENTENNIAL PROJECT
Lease Relinquishments
and
Adding Kenilworth Lease

C/007/019

(Revised)
December, 2013

CHAPTER 1
LEGAL, FINANCIAL, COMPLIANCE AND
RELATED INFORMATION

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110 MINIMUM REQUIREMENTS FOR LEGAL, FINANCIAL, COMPLIANCE AND RELATED INFORMATION

111 Introduction

UtahAmerican Energy, Inc. operates the Centennial Project under the Division of Oil, Gas and Mining permit number ACT 007/019. Coal has been mined on Federal leases SL-027304, SL-063058, U-010581, U-05067-08916, UTU-66060, UTU-69600, and UTU-79975. The Centennial Project mined three different seams in various areas. The Aberdeen seam ranged from approximately 5' to 8'. The Centennial seam ranged from approximately 5' to 7' and the Lower Sunnyside seam ranged from 4' to 6'. Both Longwall and Room and Pillar methods of mining were utilized in mining the reserves. A significant amount of coal has been mined from all of the leases. Some leases have been mined out and others have very little remaining recoverable reserves.

UtahAmerican Energy, Inc. Relinquished portions of the mined out leases in two relinquishments. The first relinquishment approved 3/12/2012 reduced the Federal coal leased acreage from 5,436.24 down to 2,813.48. The second relinquishment reduced the Federal coal lease even further down to 894.55 acres remaining. UEI retained all areas of surface disturbance conducted in association with the underground mining and surface access to the gob-vent holes was retained through surface use agreements.

The permit acreage dropped from 6,516.91 down to 2,274.77 acres. When Kenilworth lease is added the permit acreage goes up to 4,034.77 which is the new permit acreage. The disturbed area has not changed and remains at 47.19 acres. Since the disturbed area has not changed and the disturbed legal description stays the same the bond does not change.

Since the relinquishments reflect only Federal Coal acres and does not included State Leases, Private Leases, BLM ROW's, or Private surface ROW's or leases, it is impossible to directly correlate the Lease Relinquishment Acres to Permit Acres.

The Kenilworth lease UTU-81893 is being added to the permit at this time (1760.00 Acres).

A new lease area legal description can be found in Table 1-1 and the new permit area is described in Table 1-2.

TABLE 1-1
Andalex Resources, Inc.
Tower Division
Centennial Project Permit Lease Areas

Federal Lease UTU-66060

T. 13 S., R. 10 E., SLM, Utah

Section 1

Lot 3	40.59	Acres
Lot 4	40.82	Acres
S1/2 NE	80.00	Acres

Total **161.41 Acres**

Federal Lease UTU-69600

T. 13 S., R. 10 E., SLM, Utah

Section 1

SW1/4	160.00	Acres
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Section 12

Lot 3	36.71	Acres
Lot 4	37.16	Acres
Lot 5	44.08	Acres
Lot 6	45.01	Acres
Lot 7	47.17	Acres
Lot 11	47.05	Acres
W1/2 NW	80.00	Acres

Total **497.18 Acres**

Federal Lease UTU-010581

T. 13 S., R. 11 E., SLM, Utah

Section 7

NW SE	40.00	Acres
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Total **40.00 Acres**

Federal Lease UTSL-27304

T. 13 S., R. 11 E., SLM, Utah

Section 7

Lot 4	42.98	Acres
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Section 18

Lot 1	42.98	Acres
NW NE	40.00	Acres
N1/2 NE NW	20.00	Acres
SW NE NW	10.00	Acres

Total **155.96 Acres**

Federal Lease SL-63058

T. 13 S., R. 11 E., SLM, Utah

Section 18

SW NE 40.00 Acres

Total **40.00 Acres****Federal Lease UTU-81893 (Kenilworth Lease)**

T. 12 S., R. 10 E., SLM, Utah

Section 26

N1/2 SW1/4 80.00 Acres

SE SW 40.00 Acres

SE 160.00 Acres

Section 27

S1/2 320.00 Acres

Section 34

S1/2 NE 80.00 Acres

NW NE 40.00 Acres

NW 160.00 Acres

S1/2 320.00 Acres

Section 35

NE 160.00 Acres

S1/2 NW 80.00 Acres

S1/2 320.00 Acres

Total **1,760.00 Acres****Total of Federal Leases** **2,654.55 Acres****Mathis Fee Lease**

T. 12 S., R. 10 E., SLM, Utah

Section 36

All 640.00 Acres

Total **640.00 Acres****Zion Fee Lease**

T. 13 S., R. 11 E., SLM, Utah

Section 7

Lot 2 42.99 Acres

Lot 3 42.99 Acres

SE NW 40.00 Acres

E1/2 SW 80.00 Acres

Total **205.98 Acres****Total of Fee Leases** **845.98 Acres**

Bureau of Land Management ROW U-62045

T. 13 S., R. 11 E., SLM, Utah

Section 18

SE NE NW 10.00 Acres

Total 10.00 Acres

**Bureau of Land Management ROW UTU-64158
(Left fork fan and access road)**

Located within:

T. 13 S., R. 10 E., SLM, Utah

Section 13

Lot 1

T. 13 S., R. 11 E., SLM, Utah

Section 18

Lot 2

NE SW

Total 1.45 Acres

Total of BLM R.O.W.'S 11.45 Acres

Cave Private Easement

Located within:

T. 13 S., R. 11 E., SLM, Utah

Section 18

SE NW 1.50 Acres

Total Cave 1.50 Acres

Total Private Easements 1.50 Acres

TABLE 1-2
Andalex Resources, Inc.
Tower Division
Centennial Project Surface Only Permit Area

Federal Lease UTU-66060

T. 13 S., R. 10 E., SLM, Utah

Section 1

Lot 1	40.12	Acres
Lot 2	40.35	Acres

T. 12 S., R. 11 E., SLM, Utah

Section 31

Lot 3	7.58	Acres
Lot 4	7.60	Acres
Lot 5	7.17	Acres
Lot 12	40.00	Acres
Lot 14	40.00	Acres
Lot 15	40.00	Acres
Lot 16	40.00	Acres
Lot 21	22.86	Acres

Total	<u>285.68</u>	Acres
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Federal Lease UTU-79975

T. 12 S., R. 11 E., SLM, Utah

Section 31

Lot 2	7.53	Acres
Lot 7	40.00	Acres
Lot 8	40.00	Acres
Lot 10	40.00	Acres
Lot 11	40.00	Acres

Total	<u>167.53</u>	Acres
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Federal Lease UTU-010581

T. 13 S., R. 11 E., SLM, Utah

Section 7

SW NE	40.00	Acres
-------	-------	-------

Total	<u>40.00</u>	Acres
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Federal Lease UTSL-27304T. 13 S., R. 11 E., SLM, Utah
Section 7

SW SE 40.00 Acres

Total 40.00 Acres**Surface Only Permit Area 533.21 Acres****PERMIT AREA TABULATION**

Federal Coal Leases:	2,654.55	Acres (Including Kenilworth)
Fee Coal Leases:	845.98	Acres
BLM Surface R.O.W.	11.45	Acres
Private Easements:	1.50	Acres
Surface Only Federal Leases:	533.21	Acres
 Permit Area Subtotal	 4,046.69	 Acres
 Less OSO Gaswell Area	 -11.92	 Acres
 Total Permit Area:	 <u>4,034.77</u>	 Acres

112 Identification of Interests

Refer to the same section of the approved M&RP.

112.100 Business Entity

Refer to the same section of the approved M&RP.

112.200 Applicant and Operator

Applicant and Operator: Andalex Resources, Inc
Tower Division
P.O. Box 910
East Carbon, Utah 84520
Telephone: (435) 888-4000

Contact Person and
Resident Agent: Dave Shaver
Andalex Resources, Inc
Tower Division
P.O. Box 910
East Carbon, Utah 84520
Telephone: (435) 888-4000

Responsibility: Andalex Resources, Inc. is responsible for submission of information and will pay abandoned mine reclamation fees.

112.300 Officers of the Applicant

Refer to the same section of the approved M&RP.

112.400 Coal Mining and Reclamation Operation Owned or Controlled

Refer to the same section of the approved M&RP.

112.500 Legal or Equitable Owner of the Surface and Mineral Properties

The legal and equitable owner of the surface and mineral properties to be affected by this operation during the duration of the permit period are listed below:

Surface Owners

David R. & Mildred Cave, et al.
144 South 1650 East
Price, Utah 84501

Mathis Land Co.
Sunnyside Star Route
Price, Utah 84501

F. and D. Shimmin
711 North 500 East
Price, Utah 84501

Sub-Surface Owners

United States of America
Bureau of Land Management
Utah State Office
136 East South Temple
Salt Lake City, Utah 84111

Mathis Land Co.
Sunnyside Star Route
Price, Utah 84501

Oso Energy Resources Corp.
900 Main Avenue, Suite D
Durango, Colorado 81301 (gas rights)

112.600 Owners of Record of Property Contiguous to Proposed Permit Area

Owners of record for surface and mineral properties contiguous to the proposed permit area are listed below:

Contiguous Surface Owners

David R. & Mildred Cave, et al.
144 South 1650 East
Price, Utah 84501

Mathis Land Co.
Sunnyside Star Route
Price, Utah 84501

F. and D. Shimmin
711 North 500 East
Price, Utah 84501

Contiguous Sub-Surface Owners

United States of America
Bureau of Land Management
Utah State Office
136 East South Temple
Salt Lake City, Utah 84111

State of Utah
School Trust Lands Administration
675 East 500 South
Salt Lake City, Utah 84102

Mathis Land Co.
Sunnyside Star Route
Price, Utah 84501

Oso Energy Resources Corp.
900 Main Avenue, Suite D
Durango, Colorado 81301 (gas rights)

112.700 MSHA Numbers

Refer to the same section of the approved M&RP.

112.800 Interest in Contiguous Lands

Andalex Resources, Inc. has no interest in contiguous lands other than those currently owned as shown on Plate 1A of the approved M&RP.

112.900 Certification of Submittal Information

No information has changed in the approved M&RP because of this submittal. Refer to the same section of the approved M&RP.

113 Violation Information

Refer to the same section in the approved M&RP.

114 Right-of-Entry Information

Refer to the same section of the approved M&RP. A surface use agreement with the

private surface owners is in place. A memorandum of this agreement is included in the MRP and is on record at the County Recorder's office. (See Appendix X-1)

** Existing acres reflect contemporaneous reclamation work completed to date.

115 Status of Unsuitability Claims

Refer to the same section of the approved M&RP.

116 Permit Term

Refer to the same section of the approved M&RP.

117 Insurance, Proof of Publication, and Facilities and Structures Used in Common

The certificate of insurance(s) will be included in Appendix B of the approved M&RP.

118 Filing Fees

Refer to the same section of the approved M&RP.

120 PERMIT APPLICATION FORMAT AND CONTENTS

This amendment submittal will comply with R645-301-120.

130 REPORTING OF TECHNICAL DATA

All technical data submitted in the amendment will be accompanied by the name or organization responsible for the collection and analysis of data, dates of collection and descriptions of methodology used. Technical analyses will be planned by or under the direction of a qualified professional in the subject to be analyzed.

140 MAPS AND PLANS

The maps and plans in the Mining and Reclamation Plan will correspond with the requirements in R645-301-140.

150 COMPLETENESS

Andalex Resources, Inc. believes the information in this permit application to be complete and correct.

(Revised)
December, 2013

CHAPTER 8

Bonding and Insurance

Since the relinquishments and adding Kenilworth do not involve a reduction or an increase in disturbed areas Chapter 8 has not been changed. The depth of Kenilworth lease averages in excess of 2,500 feet of cover, no subsidence or surface disturbance is anticipated. Please refer to the approved MRP for current Chapter 8 information.

(Revised)
December, 2013

CHAPTER 7

Hydrology

Since the relinquishments and adding Kenilworth do not involve a reduction or an increase in disturbed areas Chapter 7 has not been changed. The depth of Kenilworth lease averages in excess of 2,500 feet of cover, no subsidence or surface disturbance is anticipated. Please refer to the approved MRP for current Chapter 7 information.

(Revised)
December, 2013

CHAPTER 2

SOILS

Since the relinquishments and adding Kenilworth do not involve a reduction or an increase in disturbed areas Chapter 2 has not been changed. Please refer to the approved MRP for current Chapter 2 information.

(Revised)
December, 2013

CHAPTER 3

Biology

Since the relinquishments and adding Kenilworth do not involve a reduction or an increase in disturbed areas Chapter 3 has not been changed. The depth of Kenilworth lease averages in excess of 2,500 feet of cover, no subsidence or surface disturbance is anticipated. Please refer to the approved MRP for current Chapter 3 information.

(Revised)
December, 2013

CHAPTER 4

Land Use and Air Quality

Since the relinquishments and adding Kenilworth do not involve a reduction or an increase in disturbed areas Chapter 4 has not been changed. The depth of Kenilworth lease averages in excess of 2,500 feet of cover, no subsidence or surface disturbance is anticipated. Please refer to the approved MRP for current Chapter 4 information.

(Revised)
December, 2013

CHAPTER 5

Engineering

Since the relinquishments and adding Kenilworth do not involve a reduction or an increase in disturbed areas Chapter 5 has not been changed. The depth of Kenilworth lease averages in excess of 2,500 feet of cover, no subsidence or surface disturbance is anticipated. Please refer to the approved MRP for current Chapter 5 information.

(Revised)
December, 2013

CHAPTER 6

Geology

Since the relinquishments and adding Kenilworth do not involve a reduction or an increase in disturbed areas Chapter 6 has not been changed. The depth of Kenilworth lease averages in excess of 2,500 feet of cover, no subsidence or surface disturbance is anticipated. Please refer to the approved MRP for current Chapter 6 information.